

# ORIGINAL

Completion of this form is necessary to accomplish the statutory purpose as outlined in the Illinois Public Utilities Act, chapter 111 2/3, Sec. 9. Failure to provide the requested information may prevent your request from being processed. This form has been approved by the Forms Management Center.

Form 3

STATE OF ILLINOIS  
ILLINOIS COMMERCE COMMISSION

Petition for permission to make a major change in crossing protection, or to install new protection under 92 Illinois Administrative Code 1535.400 (d)

X-11885  
703-0012

Date: October 4, 2002

RECEIVED  
OCT 13 2002  
ILLINOIS COMMERCE COMMISSION  
CLERK'S OFFICE

To the Illinois Commerce Commission:

The petitioner **CSX Transportation, Inc.** shows

- (1) That it is a railroad company operating a line of railroad in the State of Illinois.
- (2) That petitioner proposes and hereby makes application for authority to make a major change in crossing protection, or to install new protection, under 92 Illinois Administrative Code 1535.400 (d) adopted by this Commission.
- (3) That the location of the crossing, the nature of protection now established and proposed to be established, and other pertinent facts in connection therewith, are set forth in the statement attached to and forming part of this petition.
- (4) That petitioner's reasons and purpose, with reference to its said proposal are

**to modernize and upgrade circuitry at this location, specifically to Replace flashing light signals with flashing light signals, gates and bell and install a new house with motion sensor control circuitry to support new gates at the at-grade crossing of CSX's single main line track and College Ave./FAS 1714 in Brownstown, Illinois.**

- (5) That the facts set forth in this petition and in the statement and plans or plats attached thereto, are, all of them, true and correct to the best of petitioner's knowledge and belief.

WHEREFORE, the petitioner prays that the Commission will, if deemed desirable by the Commission, set the aforesaid matter for hearing, and that the Commission enter an order or adopt a resolution consenting to and granting authority for the making of the said proposed changes in or additions to crossing protection.

CSX Transportation, Inc.

By

Paul C. Carine  
Paul C. Carine  
Principal Engr.-Public Improvements  
(904) 245-1045

Ms. Patty Barksdale  
(Attorney for Petitioner)

CSX Transportation, Inc.  
500 Water Street, SC J-150  
Jacksonville, FL 32202  
(Attorney's Address)

## DOCKETED

Statement, attached to and part of an application for permission to make a major change in crossing protection or to install new protection, under 92 Ill. Adm. Code 1535.400(d).

1. Name of Railroad Company CSX Transportation, Inc.
2. Crossing Number AAR DOT 546 484B
3. Village or City In Brownstown
4. Name of Street or Highway College Ave./FAS 1714
5. Public Agency Maintaining Highway City
6. Protection now established: (Give full description. Indicate the hours of any manual protection.)  
Mast-mounted flashing light signals.
7. Protection desired: (Give details)  
Mast-mounted flashing lights, gates and bell
8. Number of main tracks 1 Other tracks 0
9. Number of passenger train movements: 6 a.m. to 6 p.m. 0 6 p.m. to 6 a.m. 0
10. Number of freight train movements: 6 a.m. to 6 p.m. 4 6 p.m. to 6 a.m. 11
11. Approximate number of switch movements: 6 a.m. to 6 p.m. 3 6 p.m. to 6 a.m. 0
12. Maximum speed of trains at crossing on each track in each direction  

Track 1 N/E Bound	<u>60</u> mph	S/W Bound	<u>60</u> mph
Track 2 N/E Bound	_____ mph	S/W Bound	_____ mph
Track 3 N/E Bound	_____ mph	S/W Bound	_____ mph
13. Passenger platforms served by tracks within the limits of track circuits, if any n/a
14. Where automatic signals or gates are proposed, approximately number of train or engine movements daily which would cause false indications or operation n/a

15. Nature and approximate amount of street or highway traffic over crossing

**1200 AADT**

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16. In addition to the information listed hereinbefore in Form 3, attach a track plan or plat of the proposed crossing. This plan should show:

- (a) Width and surface of highway.
- (b) Highway intersections (including private driveways to be so indicated) and location of established highway signs or signals within 100 feet of crossing.
- (c) Location of tracks, switches and other railroad facilities such as block signals, etc. within limits of track circuits, present and/or proposed.
- (d) Where automatic protection is proposed, show proposed location of signals (sidelights, cantilevers, etc., if any).
- (e) Show the length of each operation track section within the control limits of the crossing protection and its function.

ADDITIONAL INFORMATION

**none**

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## VERIFICATION

I, Paul C. Carine, first being duly sworn upon oath depose and say that I am **Principal Engineer - Public Improvements** of **CSX Transportation, Inc.**, an Virginia corporation; that I have read the above and foregoing petition by me subscribed and know the contents thereof; that said contents are true in substance and in fact, except as to those matters stated upon information and belief, and as to those, I believe same to be true.

  
Principal Engr - Public Improvements

CSX TRANSPORTATION, INC.  
FORCE ACCOUNT ESTIMATE

Page 1 of 2

ACCT. CODE : 709 - IL0102  
Pub EB - 3 GFP

**ORIGINAL**

ESTIMATE SUBJECT TO REVISION AFTER: 4/4/2003 DOT NO.: 546 484B  
CITY: Brownstown COUNTY: Fayette STATE: IL  
DESCRIPTION: Replace flashing light signals with flashing light signals, gates and bells at College Ave./ FAS 1714  
DIVISION: Great Lakes SUB-DIV: St. Louis Line MILEPOST: QS-164.14  
DRAWING NO.: N/A DRAWING DATE: REGION: Western  
AGENCY PROJECT NUMBER: N/A

**PRELIMINARY ENGINEERING:**

Labor (Non Contract)	2 Days @	\$ 250.00	\$	500
Surcharge 32.78%			\$	164
Expenses			\$	94
Contracted & Administrative Engineering Services			\$	500
Subtotal			\$	1,258

**CONSTRUCTION ENGINEERING/INSPECTION:**

Labor (Non Contract)	0 Days @	\$ 250.00	\$	-
Surcharge 32.78%			\$	-
Expenses			\$	-
Contracted & Administrative Engineering Services			\$	500
Subtotal			\$	500

**FLAGGING SERVICE: (Contract Labor)**

Labor (Conductor-Flagman)	0 Days @	\$ -	\$	-
Labor (Foreman/Inspector)	0 Days @	\$ 220.00	\$	-
Insurance 21.00%			\$	-
Surcharge 90.66% (Transportation Department)			\$	-
Surcharge 84.91% (Engineering Department)			\$	-
Per Diem (Engineering Department)	0 Weeks @	\$ 360.00	\$	-
Expenses	0 Days @	\$ 45.00	\$	-
Subtotal			\$	-

**SIGNAL WORK:**

Temporary (Details Attached)	\$	-
Permanent (Details Attached)	\$	-
Subtotal	\$	-

**COMMUNICATIONS WORK:**

Temporary (Details Attached)	\$	-
Permanent (Details Attached)	\$	115,725
Subtotal	\$	115,725

CSX TRANSPORTATION, INC.  
FORCE ACCOUNT ESTIMATE

Page 2 of 2

ACCT. CODE : 709 - IL0102  
Pub EB - 3 GFP

**ACCOUNTING & BILLING:**

Labor	7.5 Days @	\$ 200.00	\$	1,500
Surcharge	85.49%		\$	1,282
Expenses			\$	225
Subtotal			\$	3,007

**PROJECT SUBTOTAL:**

**CONTINGENCIES:** 10.00% (Excludes Sig. & Comm.) \$ 477

**GRAND TOTAL \*\*\*\*\*** \$ 120,967

**DIVISION OF COST:**

Agency	100.00%	\$	120,967
Railroad	0.00%	\$	-
<b>TOTAL *****</b>		\$	120,967

Office of Assistant Chief Engineer Public Improvements

Jacksonville, Florida

Estimated By: Cindy Tucker

Telephone: (904) 245-1038

DATE: 10/4/2002 REVISED:

Form Last Revised: July 15, 2002 D.C.C.

**NOTE:** This estimate is based on FULL CROSSING CLOSURE during work by Railroad Forces.

Estimate No. 102508  
**CSX Transportation**  
College Ave. Install automatic warning devices.  
Brownstown, IL

**ORIGINAL**

DOT: 546484B

OP: IL0102

CSX Project: IL2002017

**Summary**

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Material .....	\$ 43,433
Sales Tax .....	\$ 2,172
Labor:	
Construction Labor (64 man-days).....	\$ 14,400
Shop Labor (5 man-days).....	\$ 800
Subsistence (64 man-days).....	\$ 6,720
Railroad Engineering, Preliminary .....	\$ 6,018
Railroad Engineering, Construction .....	\$ 2,160
Additives to Construction Labor .....	\$ 10,416
Additives to Shop Labor .....	\$ 726
Additives to Engineering .....	\$ 2,681
Equipment Expenses (18 work days).....	\$ 11,700
Waste Management (18 work days).....	\$ 216
Contract Engineering .....	\$ 7,085
Freight .....	\$ 1,200
AC Power Service .....	\$ 6,000
Salvage .....	\$ 0
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TOTAL ESTIMATE COST .....	\$ 115,725

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Date: 09/09/2002

Estimated By: William Borcharding

NOTE: This estimate should be considered void one year from date of estimate.

**Shop Material List for CSX Project: IL2002017 (Effective: 09/09/2002)**  
**Install FLS&G**  
**Brownstown, IL - QS 164.14**

Catalog Num	Cond	Unit Price	Qty	Cost	Description
020-0003388	1	6572.00	1	6572.00	HOUSE 6X6L ALUM INCLUDES 5
020-0017120	1	13.25	3	39.75	SHELF, FARADAY CLOSET, 120V
020-0017211	1	277.29	1	277.29	BLOCK TERMINAL 12 WAY SINGLE
020-0017311	1	22.26	4	89.04	STRIP AAR DWG 10544 MP 14.1.6
020-0021965	1	9.05	1	9.05	TRANSFORMER 010520-50X LIGHT
020-0022651	1	48.76	5	243.80	750VA MOD SLT 50 SAFETRAN PRI
020-0025595	1	16.94	1	16.94	RESISTOR 029602-52X ADJ 0.035
020-0053360	1	404.39	3	1213.17	TO 1.50 OHMS SAFETRAN PL K326
020-0660075	1	355.10	1	355.10	EXTRACTOR DWG 59688-4
020-0750090	1	4.93	3	14.79	TERMINAL GRS CAT P3-308 REF
020-0770060	1	10.76	31	333.56	PLUGBOARD KIT TYPE B1 RELAY
020-1940055	1	5.42	1	5.42	ASSY DWG 59686-5 GR1 WITH 22
020-2552460	1	6957.19	1	6957.19	WRENCH DWG 55393-3 GR1 "E"
020-3430110	1	270.00	1	270.00	TERMINAL POST NUT GRS CAT
020-3430115	1	518.40	1	518.40	CHARGER BATTERY ELC 12/20 S
020-3430135	1	399.60	1	399.60	20 AMP 10-19.9 VDC ROTARY SW
020-3430170	1	393.47	1	393.47	ARRESTER GE 9L10KAA212 FOR
020-3430185	1	371.00	1	371.00	APPLICATION ON 120 VOLT
020-4200100	1	5.93	3	17.79	NUT INSULATED SAFETRAN
020-4200340	1	1.04	31	32.24	023408-1X 1-3/16" FOR 120V AC
020-4200360	1	4.47	9	40.23	ARRESTER US&S N451552-0201
020-8000067	1	14.21	2	28.42	TRACK SERIES RED LABEL USGA
020-8100034	1	2421.90	1	2421.90	CONTAINER CIRCUIT PRINT 24"
					SCHEDULE 20 4" PVC PIPE WITH
					DETECTOR HARMON 300608-200
					PMD-3R SYSTEM W/8KHZ RSI AND
					RELAY SAFETRAN 400004
					4FB-2F-1B NEUTRAL 500 OHMS
					RELAY SAFETRAN 400005 4FB
					HD-2FB NEUTRAL 500 OHMS CSX
					RELAY SAFETRAN 400213 2FB
					SLOW RELEASE 460 OHMS CSX REF
					RELAY SAFETRAN 400800-CSX 6FB
					HD POWER TRANSFER 100/100
					RELAY SAFETRAN 400700-X 4FB
					FLASHER 60 OHMS COMPLETE WITH
					CONNECTOR BUS 1" CENTERS 1/2"
					X 36" 18 GAGE PUNCHED 1/4" X
					LINK TEST OFFSET LINK 11N
					CENTERS INSULATED W/SPECIAL
					LINK INSUL TEST 2-3/8"
					CENTERS CENTER CONTROL TEST
					LOCK AMERICAN H10KA CSX
					SIGNAL PADLOCK W/BK CHROME
					RECORDER EVENT HARMON HAWK
					ASSEMBLY COMPLETE WITH

**Total Cost: \$ 20620.15**



**Field Material List for CSX Project: IL2002017 (Effective: 09/09/2002)**  
**Install FLS&G**  
**Brownstown, IL - QS 164.14**

Catalog Num	Cond	Unit Price	Qty	Cost	Description
020-0013906	1	3.92	350	1372.00	CABLE UG 16 COND 6 NO 6 AWG SOLID C 10 NO 14 AWG SOLID C
020-0025145	1	285.20	2	570.40	SHUNT ENCLOSURE INTERRAIL P/N IRS-SE8 WAYSIDE MOUNT
020-0052475	1	3.30	4	13.20	ARM CCSX2719S SHORT EXTENSION 7-1/4" LG ALUMINUM ALSO
020-0052920	1	0.44	5	2.20	BAND C-204 BAND IT 1/2" SS BURCO ORDER BY THE FT
020-0052921	1	0.31	4	1.24	BUCKLE C-254 BAND IT 1/2 IN SS BURCO
020-0053245	1	0.99	150	148.50	CABLE UG 3 COND NO 9 AWG SOLID C CSX SPEC SS796 SHOW
020-0054075	1	1356.49	2	2712.98	GATE SK-1000-C KEEPER NORMAL MOVEMENT COMPLETE WITH BUMPER
020-0056421	1	12.20	4	48.80	BRACKET SIGN 4" AND 5" MAST FOR ALL SIGNS REQUIRING 5/8"
020-0056478	1	4681.57	2	9363.14	SIGNAL 0221 HWY CROSSING GATE ASSY CSX DWG SS222 INCLS ADJ
020-0057275	1	0.61	350	213.50	WIRE UG TRK TWIST PAIR NO 6 AWG SOL C NEOPRENE JKT CSX
020-1040302	1	139.04	13	1807.52	BATTERY GNB 50A07 ABSOLTE IIP 160AH LA MAINTENANCE FREE
020-1040304	1	167.48	6	1004.88	BATTERY GNB 50A11 ABSOLTE IIP 265AH LA MAINTENANCE FREE
020-1040540	1	27.18	4	108.72	TRAY PVC BATT FIBER CO 82687-1-P 12" WIDTH 24" LONG
020-1040550	1	37.89	1	37.89	TRAY PVC BATT FIBER CO 82687-3-P 12" WIDTH 38"
020-1360014	1	713.86	1	713.86	PACKAGE FOREMANS CARE FOR ALUMINUM TYPICAL BOM FOR USE
020-1360016	1	15.78	1	15.78	PACKAGE SAFETY & SECURMENT WITH 1 EA CAUTION TAG 1 EA
020-1360103	1	951.48	1	951.48	LAYOUT METER SERVICE WITH 25' POLE CSX DWG SS351 SH 2 ITEMS
020-2060060	1	362.52	2	725.04	FOUNDATION ASSY 5'-7" HT TYPE S-2 SECTIONAL PRECAST
020-2531285	1	250.88	2	501.76	SHUNT HARMON 250250-326 NBS-1-10 326HZ 10 FT LEADS
020-3901895	1	81.00	2	162.00	TIP FLEX HWY CROSSING GATE 24 IN LONG RED & WHITE STRIPES
020-3920200	1	185.88	1	185.88	BELL GCWD ELECTRONIC 4" OR 5" MAST 8 TO 13 VOLTS DC GSI PN
020-3930010	1	3.60	2	7.20	KIT GATE ARM WARNING STICKER KIT INCLUDES 1-EA 5"X3"
020-4200340	1	1.04	31	32.24	LINK TEST OFFSET LINK 1IN CENTERS INSULATED W/SPECIAL
020-4200900	1	0.20	6	1.20	CONNECTOR SHEATHING AMP 329860 FOR NO. 14 WIRE
020-9999991	1	100.00	1	100.00	BLOCKING AND BRACING FOR PROJECTS BURCO DIST
250-0010780	1	6.05	50	302.50	CONDUIT GALV RIGID 4"STL 10 LENGTH W/TAPERED THREADS ON
360-0006100	1	33.44	1	33.44	STOOL STEP WOOD 14"X 20" SIGNAL MAINTAINERS CSXT
360-0800145	1	4.39	1	4.39	BROOM WAREHOUSE CORN HVY DUTY ID300

**Total Cost: \$ 21141.74**

**Consumables List for CSX Project: IL2002017 (Effective: 09/09/2002)**  
**Install FLS&G**  
**Brownstown, IL - QS 164.14**

Catalog Num	Cond	Unit Price	Qty	Cost Description
N/A		200.00	1	200.00 FILL MATERIAL, 10 CUBIC YARDS
N/A		800.00	1	800.00 WALKWAY ROCK, 10 CUBIC YARDS
020-0017605	1	0.18	350	63.00 WIRE CASE 10 AWG FLEX CSX SPEC SS796 OKONITE
020-0017607	1	0.46	500	230.00 WIRE CASE TW PR NO 10 AWG FLEX CSX SPEC SS796 TWIST 2
020-0017625	1	0.31	150	46.50 WIRE CASE TW PR NO 14 AWG FLEX CSX SPEC SS796 TWIST 2
020-0017630	1	0.10	200	20.00 WIRE CASE NO 16 AWG FLEX CSX SPEC SS796 FURN 1000 FT SPOOL
020-0017635	1	0.70	130	91.00 WIRE SIGNAL DEL 018 NO 6 COPPER STRANDED SINGLE
020-0028610	1	0.49	100	49.00 TERMINAL RING AMP 35628 YELLOW PLASTI-BOND HVY DUTY
020-3261970	1	8.91	2	17.82 DECAL ASSY 2" BLACK PRESSURE SENSITIVE VINYL PRE-MASKED
020-4200880	1	0.51	2	1.02 CONNECTOR TERMINAL 2-3/8" CENTERS AAR 14.1.15-4 NICKEL
020-4200892	1	0.42	27	11.34 CONNECTOR TERMINAL 1" CENTERS AAR 14.1.15-3 NICKEL PLATED
020-4251190	1	0.56	120	67.20 TERMINAL RING AMP 35627 BLACK PLASTI-BOND WIRE SIZE 10-12
020-4251290	1	0.62	30	18.60 TERMINAL WIRE AMP 322051 BLUE WIRE SIZE NO 6 AWG 1/4" STUD
020-4251295	1	0.55	6	3.30 TERMINAL WIRE AMP 322007 BLUE WIRE SIZE NO 6 AWG 3/8" STUD
020-9999992	1	50.00	1	50.00 HOUSE, SIGNAL HANDLING CHARGE, BURCO DISTRIBUTION
450-0019212	1	0.02	100	2.00 SCREW 10 X 1" SHT METAL PAN HD TYPE A COARSE THREAD
<b>Total Cost: \$</b>				<b>1670.78</b>